CLAIMS

1. A bone cutting block comprising:

a. a polymeric first body portion having at least one aperture extending therethrough for receiving a bone cutting tool; and

b. a non-polymeric second body portion having a cutting tool guide surface thereon, said second body portion coupled to said first body portion with said cutting tool guide surface thereon in communication with said aperture.

2. The bone cutting block as set forth in claim 1, wherein said first body portion has a first external surface for facing a bone and a second external surface for facing away from said bone with said second body portion coupled to one of said first or second surfaces.

3. The bone cutting block as set forth in claim 2, further comprising a non-polymeric third body portion coupled to the other of said external surfaces.

4. The bone cutting block as set forth in claim 3, wherein one of said first, second, or third body portions further comprises means for attaching to a bone surface.

5. The bone cutting block as set forth in claim 4, wherein said means for attaching to a bone surface are pins.

6. The bone cutting block as set forth in claim 3, wherein said third body portion has a cutting tool guide surface thereon in communication with said aperture of said first body portion and said cutting tool guide surface of said second body portion.

7. The bone cutting block as set forth in claim 6, wherein said second and third body portions are made of a metal.

8. The bone cutting block as set forth in claim 6, wherein said first body portion further comprises four apertures and said second and third body portions further comprise four cutting tool guide surfaces respectively, groups of said apertures and said cutting tool guide surfaces in communication with one another to form four continuous passages.

9. The bone cutting block as set forth in claim 1, wherein said second body portion is made of a metal.

10. The bone cutting block as set forth in claim 1, wherein said cutting tool guide surface is a slot.

11. The bone cutting block as set forth in claim 1, wherein said first body portion further comprises four apertures and said second body portion further comprises four cutting tool guide surfaces, pairs of said apertures and said cutting tool guide surfaces in communication with one another to form four passages.

12. The bone cutting block as set forth in claim 1, wherein at least one of said first body or second body portions further comprises means for attaching to a bone surface.

13. The bone cutting block as set forth in claim 12, wherein said means for attaching to a bone surface are pins.

14. An orthopedic cutting block for performing four cuts on the resected distal end of the femur comprising:

a. a base portion having a first side, a second side, and three slots extending from said first side to said second side;

b. a first guide portion having four slots extending through said first guide portion; and

c. a second guide portion having four passages extending through said second guide portion;

wherein said first guide portion is attached to said first side of said base portion, said second guide portion is attached to said second side of said base portion, and said three passages of said base portion, said slots on said first guide portion and said second guide portion align to form four passages extending through said cutting block.

15. The orthopedic cutting block of claim 14, wherein said base portion is made of polymer material.

16. The orthopedic cutting block of claim 15, wherein said first and second guide portions are made of metal.

17. The orthopedic cutting block of claim 14, wherein said first or second guide portion further comprises means for attaching to a bone surface.

18. The orthopedic cutting block of claim 17, wherein said means for attaching to a bone surface are pins.

19. A method for forming an orthopedic cutting block for guiding bone saws comprising:

injection molding a polymeric body having passageways therein;

placing first and second metal plates on respective first and second sides of said polymeric body, said plates having saw guides thereon, said placement including aligning said guides with said passageways; and

coupling said first and second plates with said body therebetween.